

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120823AL\
 Data File : FE045745.D
 Signal(s) : FID1B.ch
 Acq On : 08 Dec 2023 20:02
 Operator : YP\AJ
 Sample : 05701-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 08 22:44:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.860	6497926	31.073 ug/ml
Spiked Amount 50.000		Recovery =	62.15%
12) S 1-chlorooctadecane (S...	13.302	8344050	53.030 ug/ml
Spiked Amount 50.000		Recovery =	106.06%
Target Compounds			
6) T n-Tetradecane (C14)	8.489	96815	0.603 ug/ml
7) T n-Hexadecane (C16)	10.098	95978	0.580 ug/ml
8) T n-Octadecane (C18)	11.543	92893	0.542 ug/ml
10) T n-Eicosane (C20)	12.855	80850	0.467 ug/ml
11) T n-Heneicosane (C21)	13.468	58682	0.341 ug/ml
13) T n-Docosane (C22)	14.055	35627	0.207 ug/ml
14) T n-Tetracosane (C24)	15.158	92414	0.529 ug/ml
17) T n-Tricontane (C30)	18.027	113205	0.647 ug/ml
18) T n-Dotriacontane (C32)	18.855	216429	1.186 ug/ml
19) T n-Tetratriacontane (C34)	19.676	12692	0.076 ug/ml
20) T n-Hexatriacontane (C36)	20.379	15966	0.101 ug/ml
22) T n-Tetracontane (C40)	22.030	18534	0.130 ug/ml

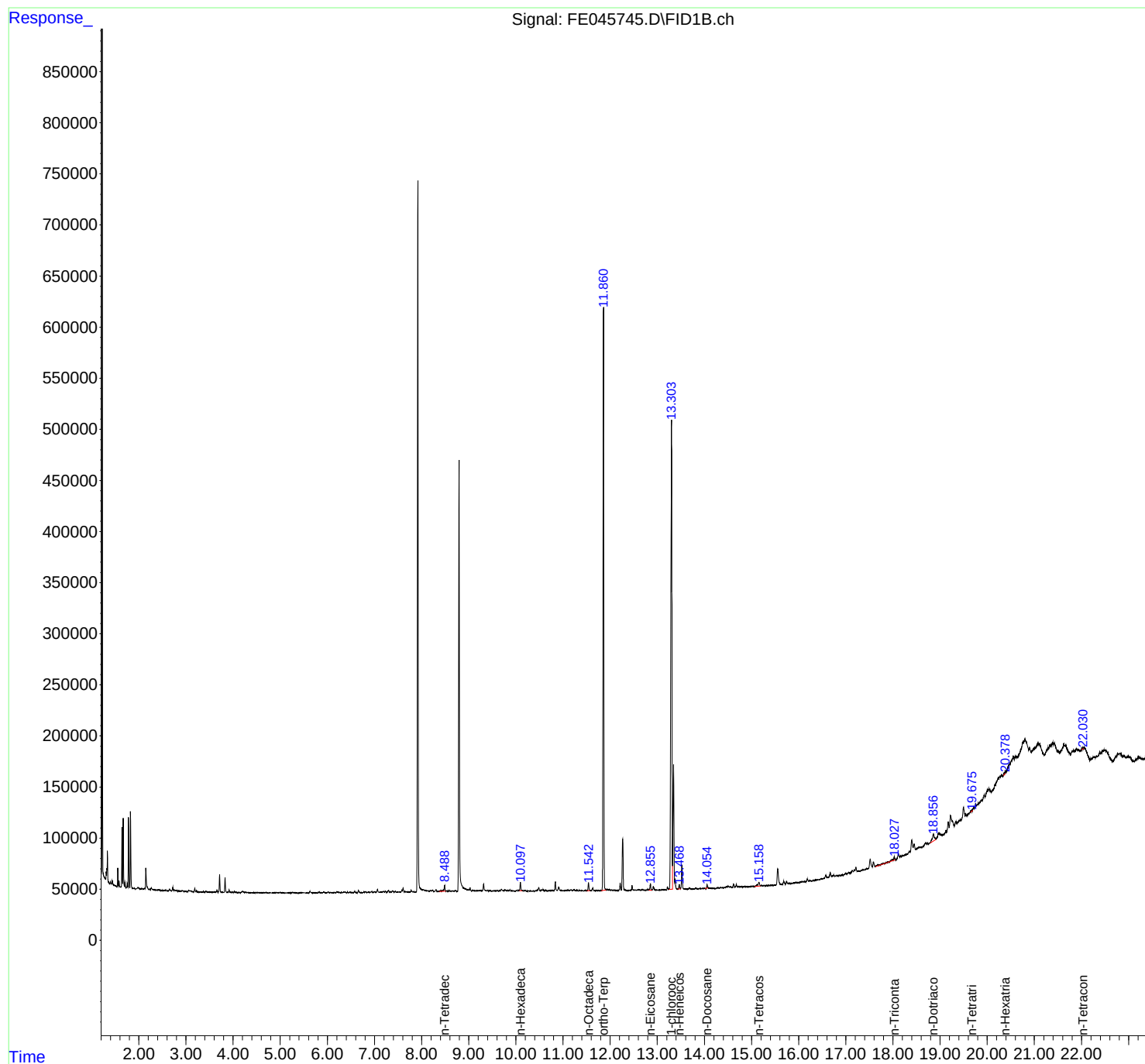
(f)=RT Delta > 1/2 Window

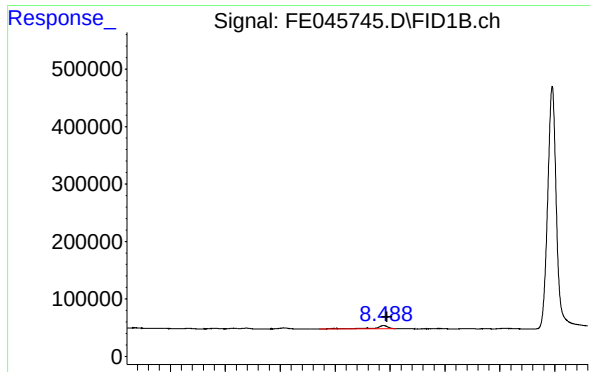
(m)=manual int.

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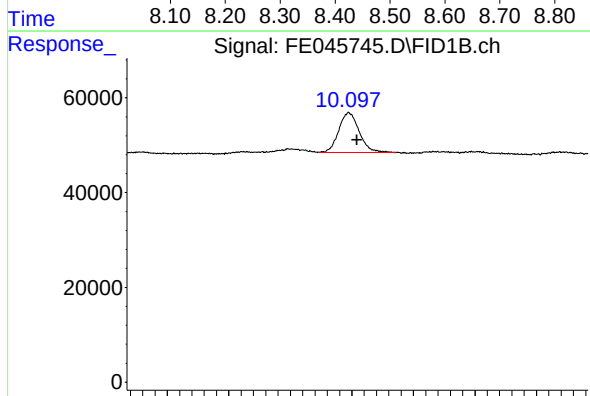
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





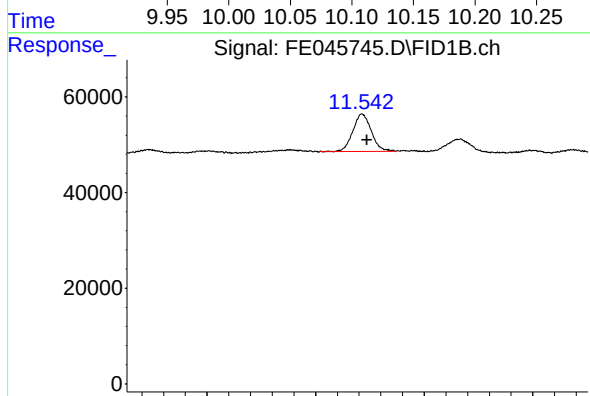
#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: -0.006 min
Response: 96815
Conc: 0.60 ug/ml



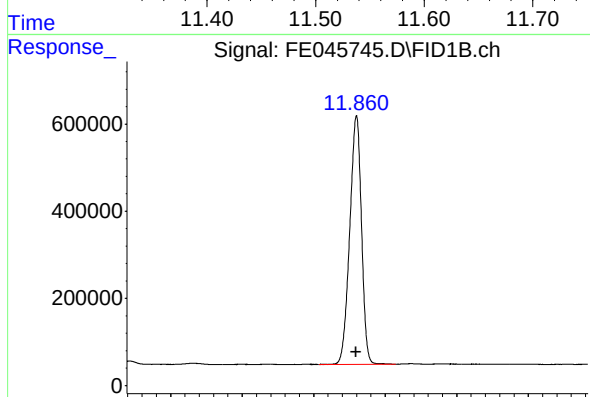
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: -0.006 min
Response: 95978
Conc: 0.58 ug/ml



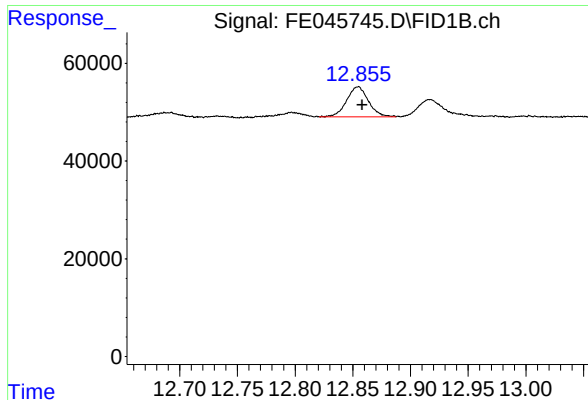
#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: -0.004 min
Response: 92893
Conc: 0.54 ug/ml



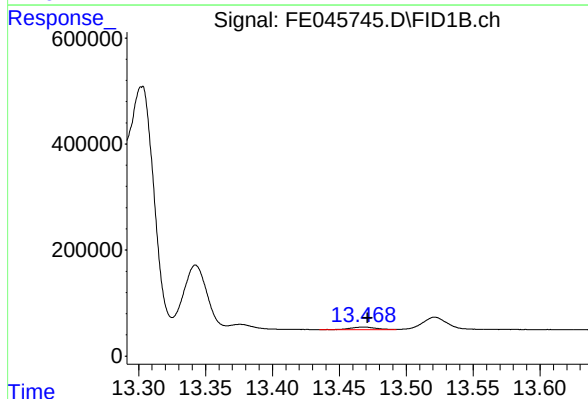
#9 ortho-Terphenyl (SURR)

R.T.: 11.860 min
Delta R.T.: 0.000 min
Response: 6497926
Conc: 31.07 ug/ml



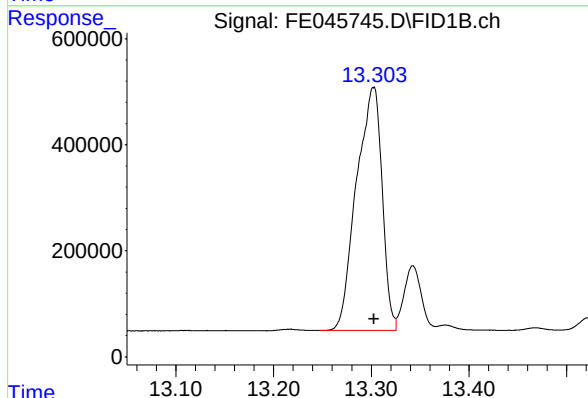
#10 n-Eicosane (C20)

R.T.: 12.855 min
Delta R.T.: -0.004 min
Response: 80850
Conc: 0.47 ug/ml



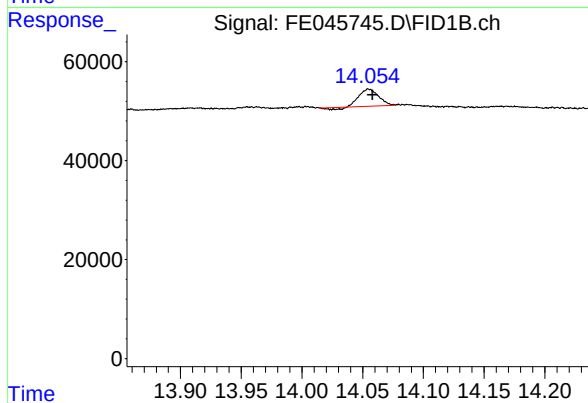
#11 n-Heneicosane (C21)

R.T.: 13.468 min
Delta R.T.: -0.003 min
Response: 58682
Conc: 0.34 ug/ml



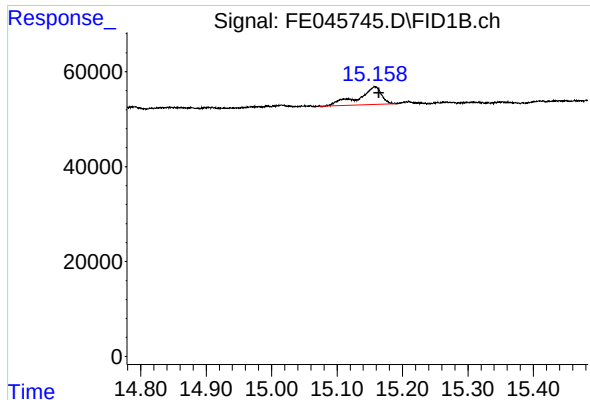
#12 1-chlorooctadecane (SURR)

R.T.: 13.302 min
Delta R.T.: 0.000 min
Response: 8344050
Conc: 53.03 ug/ml



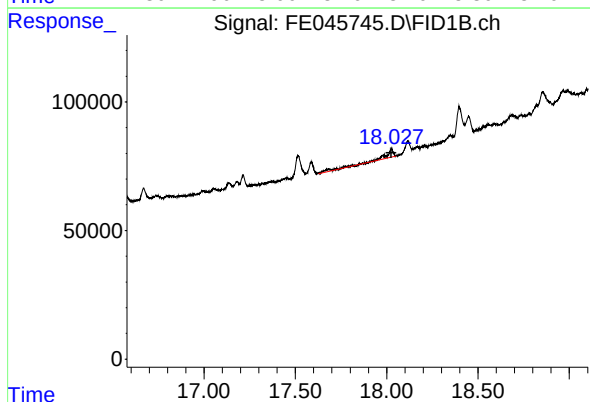
#13 n-Docosane (C22)

R.T.: 14.055 min
Delta R.T.: -0.003 min
Response: 35627
Conc: 0.21 ug/ml



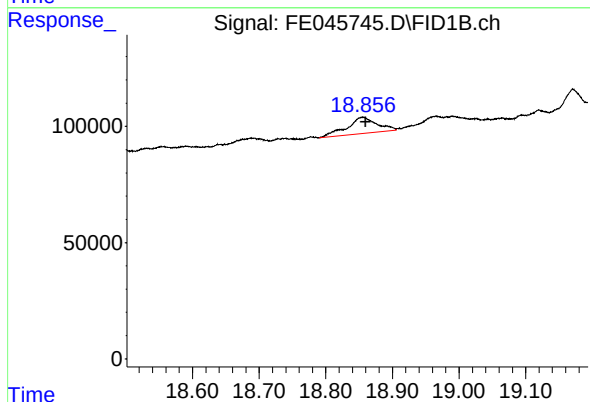
#14 n-Tetracosane (C24)

R.T.: 15.158 min
Delta R.T.: -0.006 min
Response: 92414
Conc: 0.53 ug/ml



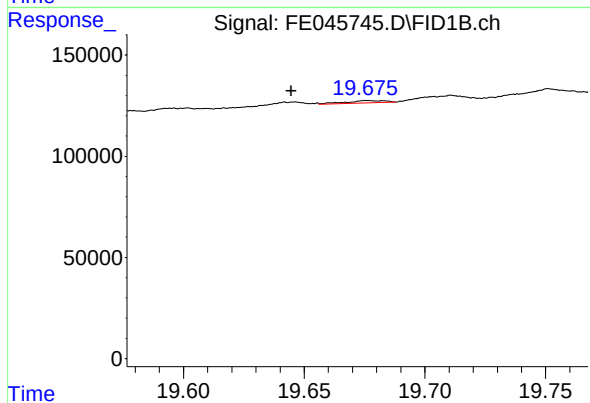
#17 n-Tricontane (C30)

R.T.: 18.027 min
Delta R.T.: 0.000 min
Response: 113205
Conc: 0.65 ug/ml



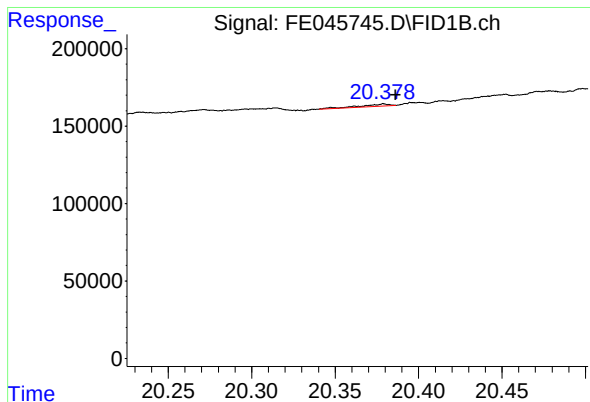
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: -0.005 min
Response: 216429
Conc: 1.19 ug/ml



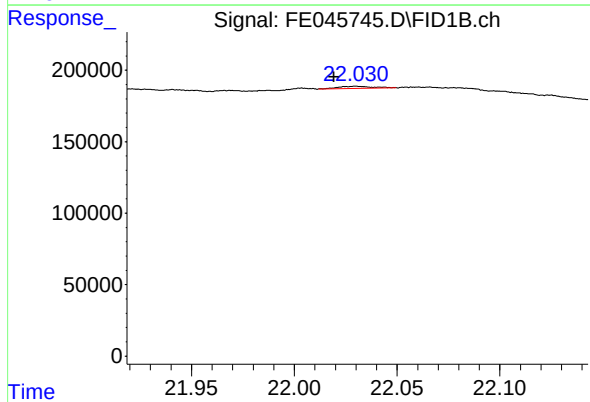
#19 n-Tetratriacontane (C34)

R.T.: 19.676 min
Delta R.T.: 0.002 min
Response: 12692
Conc: 0.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.379 min
Delta R.T.: -0.007 min
Response: 15966
Conc: 0.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.030 min
Delta R.T.: 0.011 min
Response: 18534
Conc: 0.13 ug/ml